

REMARKS

This is in response to the final Office Action mailed December 24, 2008. Therefore, the time period for a response extends up to and includes March 24, 2009. Applicants appreciate the Examiner's continued consideration of the application.

Claims 2 and 4 are cancelled without prejudice or disclaimer. The subject matter of claim 2 is generally incorporated into claim 1; the subject matter of claims 1 and 4 is generally incorporated into claim 5; and the subject matter of claims 1 and 4 is generally incorporated into claim 6. Further, claim 3 has been amended to depend from claim 1. No new matter has been entered. Claims 1, 3 and 5-7 remain pending in the present application.

Claim Rejections - 35 U.S.C. § 103

On page 3 of the Office Action, claims 1-7 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Applicant's prior art Figures 1-6 in view of U.S. Patent No. 6,414,434 (Nakano). Applicants respectfully traverse the rejections.

Claims 1, 3 and 4

Claim 1 is directed to a multi-typed plasma display panel used for forming a large screen. Claim 1 recites, in part, that the plasma display panel comprises at least one second barrier rib formed along the cross-section inside of a seal line in order to prevent the sealant of the seal line from penetrating into the inside of the first unit plasma display panel, wherein the second barrier rib is extended to the edge of the plurality of first barrier ribs and formed perpendicular to the edge, the second barrier rib being connected to the plurality of first barrier ribs.

In contrast, Figure 2 of Nakano et al. discloses first partition walls 6 and a second partition wall 11, part of the second partition wall being perpendicular to the first partition walls 6. However, in Nakano et al., the second partition wall surrounds the first partition walls and is not connected to the first partition walls, as required by claim 1. In addition, because there is an opening in the second partition wall (see lower right corner of Figure 2) the second partition wall does not prevent sealant from penetrating into the inside of the plasma display unit. Therefore, Nakano et al. does not disclose at least one second barrier rib formed along the cross-section inside of a seal line in order to prevent the sealant of the seal line from penetrating into the inside

of the first unit plasma display panel and Nakano et al. does not disclose the second barrier rib being connected to the plurality of first barrier ribs, as recited in claim 1.

For at least these reasons, claim 1 is allowable over the combination of Nakano et al. and the prior art drawings. Since claims 3 and 4 depend either directly or indirectly from claim 1, claims 3 and 4 are also allowable.

Claim 5

Claim 5 is also directed to a multi-typed plasma display panel used for forming a large screen. Claim 5 recites, in part, that the plasma display panel comprises at least one second barrier rib formed along the cross-section inside of a seal line in order to prevent the sealant of the seal line from penetrating into the inside of the first unit plasma display panel, wherein ... a sealant is filled in a space between the second barrier rib and the most outside barrier rib. Prior art drawing Figure 5 of the present invention shows sealant filled between two barrier ribs. However, Figure 5 does not disclose a second barrier rib formed along the cross-section inside of a seal line in order to prevent the sealant of the seal line from penetrating into the inside of the first unit plasma display panel, as recited in claim 5. Indeed, prior art drawing Figure 5 shows contamination by seal line penetration. See paragraph [5] of the present application. In addition, Nakano et al. does not disclose a sealant filled in a space between the second barrier rib and the most outside barrier rib, as recited in claim 5. Furthermore, none of the other prior art drawings cited by the Examiner disclose this element of claim 5.

For at least these reasons, claim 5 is allowable over the combination of Nakano et al. and the prior art drawings.

Claims 6 and 7

Claim 6 is also directed to a multi-typed plasma display panel used for forming a large screen. Claim 6 recites, in part, at least one second barrier rib formed along the cross-section inside of a seal line in order to prevent the sealant of the seal line from penetrating into the inside of the first unit plasma display panel. By contrast, Nakano et al., as discussed above, does not disclose at least one second barrier rib formed along the cross-section inside of a seal line in order to prevent the sealant of the seal line from penetrating into the inside of the first unit

plasma display panel, as recited in claim 6. In addition, none of the prior art drawings cited by the Examiner disclose this element of claim 6.

Claim 6 also recites, in part, a dielectric surface of the rear substrate is removed as much as an area separated at a predetermined distance from the cross-section, where the seal line is formed in a glass exposure condition. Figure 12 of the present application shows the dielectric surface 112 formed on top of the rear substrate 100. The dielectric surface 112 does not completely cover the rear substrate 100. The dielectric surface 112 is formed to the area separated in a predetermined distance from the cross-section. The seal line 104 contacts the rear substrate 100 as much as the dielectric surface is removed. Thus, when the dielectric surface is removed, and when a glass surface of the rear substrate 100 is exposed, the seal line 104 is formed. See paragraphs [45] and [46] of the present application. By contrast, Figure 1 of Nakano et al. shows an electrode protective layer 5 formed on the entire surface of the back-side glass substrate 3. In addition, Nakano et al. does not disclose that any part of the electrode protective layer 5 is removed. Therefore, Nakano et al. does not disclose that a dielectric surface of the rear substrate is removed as much as an area separated at a predetermined distance from the cross-section, where the seal line is formed in a glass exposure condition, as recited in claim 6. In addition, none of the prior art drawings cited by the Examiner disclose this element of claim 6.

For at least these reasons, claim 6 is allowable over the combination of Nakano et al. and the prior art drawings. Since claim 7 depends from claim 6, claim 7 is also allowable.

In view of the foregoing, reconsideration and withdrawal of the Examiner's § 103(a) rejections is requested. Applicant does not otherwise concede the correctness of the rejections and reserves the right to make additional arguments as may be necessary.

Summary

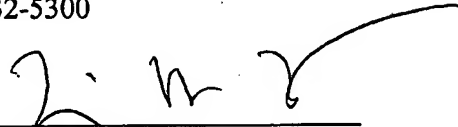
In view of the above amendment and remarks, Applicant respectfully requests a Notice of Allowance. If the Examiner believes a telephone conference would advance the prosecution

U.S. Patent Application Serial No. 10/540,719
Reply to Office Action of December 24, 2008

of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.

Respectfully submitted,
MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Date: March 24, 2008

By: 
Name: Brian H. Batzli
Reg. No.: 32,960
BHB/BPR:pll